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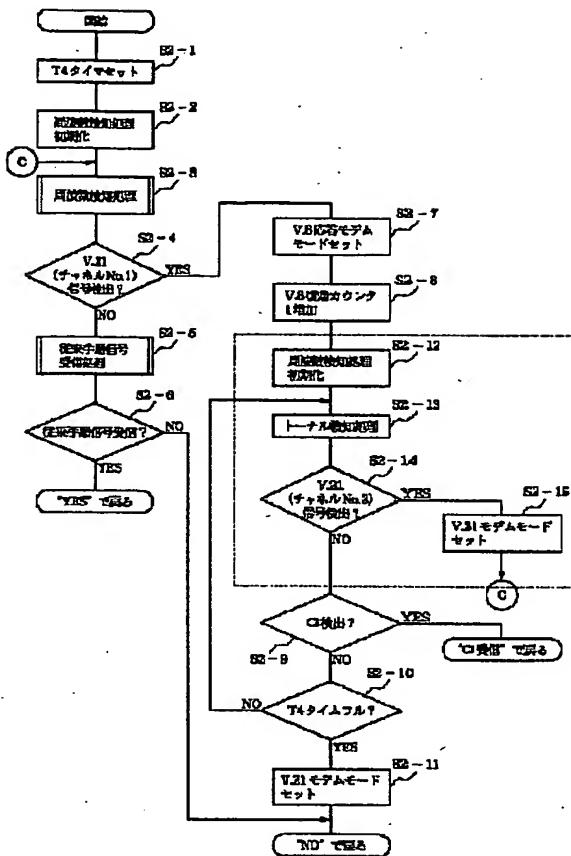
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TITLE : DATA COMMUNICATION EQUIPMENT



ABSTRACT : PROBLEM TO BE SOLVED: To receive plural operation modes without making the constitution of equipment complicated by detecting the frequency of a received signal and changing the operation mode of modem at the time of receiving the signal of the operation mode which is not designated during an operation at the operation mode which modem designates.

SOLUTION: The reception mode (V.21 mode) of the high-pass channel of V.21 and the reception mode (V.8 response mode) of the low-channel are provided. Modem which is set to the V.21 mode executes the reception processing of a conventional T.30 procedure signal in S2-5 when the frequency FL of a signal like a CI signal of the low-pass channel in V.21 is not detected in a frequency detection processing S2-3 at the time of an incoming call. When the frequency FL is detected in S2-3, modem is set to the V.8 response mode and the frequency FH of a signal like a DCS signal of the high-pass channel in V.21 is monitored in S2-12 to S2-14. Thus, the V.21 mode and the V.8 response mode can be detected and the V.8 response mode can be executed at high speed.

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